













## SCATTERGRAPHS







**A:** I can plot information on a scattergraph







**B:** I can recognise a relationship between two sets of data on a scattergraph

**C:** I can draw a line of best fit on a scattergraph

**D:** I can use the line of best fit to estimate one value given another

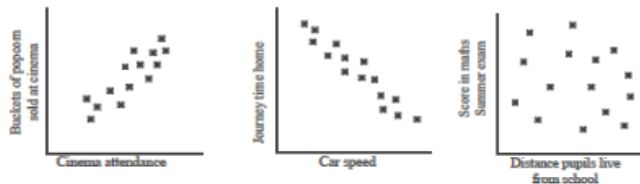
		
		

The table shows braking distances of a car.

Speed (mph)	36 29 41 43 60 50 55 33 43
Stopping distance (m)	35 21 82 54 91 59 80 25 54

Plot this information on a scattergraph.

What does each graph below show?  
Describe the correlation.



Comment on the correlation of the scattergraph you constructed in part A.

If the stopping distance is 85m give an estimation of the speed the car was travelling at.